

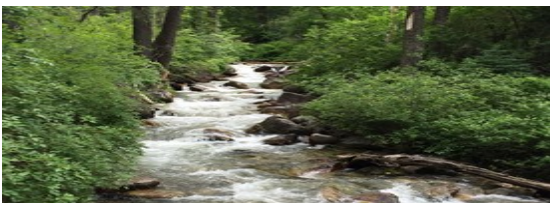
## What Can You Do To Conserve Our Drinking Water?

### Indoor Conservation Ideas

- ☑ Check for and repair leaks.
- ☑ Don't use your toilet as a trash can.
- ☑ Install a high efficiency toilet.
- ☑ Take showers instead of baths.
- ☑ Use water-saving showerheads, toilets, faucets, and high efficiency appliances such as dishwashers and washing machines.
- ☑ Keep a pitcher of water in your refrigerator instead of running the tap for cold drinks, so that every drop goes down **YOU** and not your drain.
- ☑ Wash your produce in a sink or a pan that is partially filled with water instead of running water from the tap.
- ☑ Plug the bath tub before turning the water on, and then adjust the temperature as the tub fills up.

### Outdoor Conservation Ideas

- ☑ Water only when necessary and preferably in the mornings or evenings to avoid evaporation losses (up to 50%) from hot and windy weather conditions.
- ☑ Install Xeriscape landscaping.
- ☑ Encourage landscapes that maximize water efficiency.
- ☑ Plant during the spring or fall when the watering requirements are lower.
- ☑ Adjust your lawn mower to cut grass high to hold moisture.
- ☑ Use the sprinkler for larger areas of grass. Water small patches by hand to avoid waste.



### Did You Know?

- It's okay to report significant water losses from broken pipes or water wasting activities. Call 970-384-6344.
- Installing newer appliances is an easy way to conserve water. For example, new washing machines can save up to 20 gallons per load!
- If you time your shower to keep it under 5 minutes, you could save up to 1,000 gallons a month! That could add up to big savings on your monthly water bill.
- Leaking toilets waste a lot of water, resulting in high water bills. You can detect a leak by putting a few drops of food coloring in your toilet tank. If the color seeps into the toilet bowl, have a leak. Its easy to fix, and you could save more than 7,000 gallons a year!
- Spreading a layer of organic mulch around your outdoor plants reduces evaporation and can save hundreds of gallons of water a year.
- If you use a broom instead of a hose to clean your driveway or sidewalk, you could save up to 80 gallons every time.
- If you run your dishwasher only when its full you can save as much as 400 gallons a month!
- If you insulate your hot water lines within the house it takes less time for the water to warm up in the kitchen and bathroom and you conserve water.
- If you turn off water while brushing your teeth, you can save approximately 3 gallons per minute. That could be as much as 1,000 gallons a year!
- You can install an automatic shut-off device on your irrigation system that will stop outdoor watering after a recent rainstorm.

### Contact Us

- The City of Glenwood Springs Water Department can be reached at 970-384-6344.
- View our department webpage at: [www.cogs.us/water](http://www.cogs.us/water)

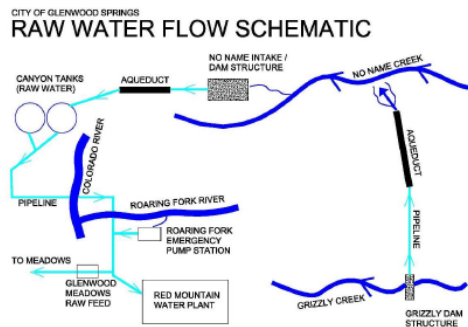
## City of Glenwood Springs Water Conservation Program



Committed to  
Conserving Our  
Community's Water  
Supplies!

## Water Sources

Glenwood Springs is fortunate to have physically abundant, high quality water sources that primarily drain a pristine, protected watershed. **No Name** and **Grizzly** Creeks provide source diversity and redundancy in the primary supply with the **Roaring Fork River** as a reliable backup. The City's water rights are senior and are likely to be sufficient to meet the supply needs of the community as projected through 2050. The City continues to monitor and evaluate the communities growth and needs annually. The City's raw water system is largely gravity fed, which reduces the need for costly pumping. Only two areas of the City require pumping for treated water service.



\*Figure not to scale and has been reoriented for formatting purposes

## Population Growth

The City is expanding slowly and anticipates growth between 1 and 2 percent per year through 2050. It is forecasted that the population of Glenwood Springs will increase from 10,581 in 2013 to approximately 14,800 by 2035 and 18,800 by 2050. This represents a 77% increase in the population, or approximately 1.6% per year.

## Water Demand

The maximum annual water use in Glenwood Springs over the past 10 years was 2,357 AF (768.03 MG) in 2007, and the range of forecast future demands in the year 2050 are from 2,837 AF (924.44 MG) to a maximum of 3,541 AF (1,153.84 MG).

## City of Glenwood Springs Water Conservation Program

**USING WATER WISELY—USE IT SPARINGLY!**



The City of Glenwood Springs' water supply is likely to be sufficient to meet our community's demand as projected through 2050. The City continues to monitor and evaluate the communities growth and needs annually. However, our sources are not immune to drought conditions or seasonal streamflow variability. The City is committed to conservation programs aimed at improving our system reliability, improving water efficiency, and preserving water resources for other downstream water users.

### What is the City of Glenwood Springs doing to conserve our drinking water sources?

- **WATER EFFICIENCY PLANNING.** The City has developed a formal Water Efficiency Plan that outlines our **short and long term** conservation goals. For more information, you can download the plan from the City's website at <http://www.cogs.us/DocumentCenter/View/1199>.
- **PUBLIC INFORMATION AND OUTREACH.** The City of Glenwood Springs is a regional leader in source water protection and water conservation efforts. We are also committed to educating our community about our water and wastewater systems. If you are interested in touring our water or wastewater treatment facilities, please contact the water department.
- **AUTOMATED WATER METERING.** The City requires all water services connected to the system to be metered. In addition, we are working to install automated meter reading equipment throughout the entire water distribution system. Most of these new meters have the ability to detect leaks on the customer side of the water service shut off valve.
- **TIERED RATE STRUCTURE.** The City has implemented a tiered water rate structure to encourage water conservation. The current water rate structure for residential users is shown below:

Fixed Monthly Customer Service Fee	\$20.88
<u>Usage Rate</u>	<u>Water Rate Per 1,000 gallons</u>
Up to 5,500 gallons	\$3.59
From 5,500 gallons to 17,500 gallons	\$4.77
Over 17,500 gallons	\$6.34

- **LEAK DETECTION PROGRAMS.** The City has implemented a comprehensive leak detection program aimed at identifying and locating leaks within the water distribution system. The program involves testing 25% of the system annually. Any leaks that are detected are investigated and repaired.
- **LOW WATER LANDSCAPING.** The City Parks Department has implemented many water saving devices to manage the Parks Systems including installation of rain sensors and computerized monitoring.
- **DROUGHT/WATER EMERGENCY PLANNING.** The City has developed a drought and water emergency plan that outlines actions the City takes to respond to water supply emergencies.
- **WATER-WASTING ENFORCEMENT.** The City has a "Water Wasting" Ordinance which outlines penalties for users that waste water. To report water wasting, contact the water department at 384-6344.